



भारत का राजपत्र

The Gazette of India

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नई दिल्ली, शनिवार, जून 15, 1996 (ज्येष्ठ 25, 1918)

No. 24]

NEW DELHI, SATURDAY, JUNE 15, 1996 (JYAISTHA 25, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 15th June -996

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Building, 5th, 6th and 7th Floor,
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Calcutta-700 020.

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पेटेंट कार्यालय

एकत्व तथा अभिकल्प

कलकत्ता, दिनांक 15 जून 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोडरी इस्टेट
तीसरा तल, लांजर परेस (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोआ राज्य क्षेत्र एवं संघ शासित क्षेत्र दमन तथा दीव एवं दादरा और नगर दूबेली।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करास बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,
राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालासाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप,
मिनिकाय तथा एमिनिदिधि द्वीप।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता-“पेटेंटोफिस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अप्रै-
क्षित सभी आवेदन-पत्र, सूचनाएं, निवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुमोचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा बैंक द्वारा की जा सकती है।

CORRIGENDUM

In the Gazette of India, Part-III, Section-2, dated 26th
August, 1995, Col. 1, Page No. 749 Application No. 689/
Cal/95 was filed on 16-06-1995 not on 15-06-1995.

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD
CALCUTTA-20

The dates shown in the crecent bracket are the dates claim-
ed under section 135, of the Patent Act, 1970.

02-02-96

- 187/Cal/96. Kaneka Corporation; Processes for producing
α-Haloketones α-Halohydrins and eposides;
(Convention No. 7-39266; 7-273547 on 3-2-95 &
26-9-95 in Japan).
- 188/Cal/96. Ishihara Sangyo Kaisha, Ltd., Process for pro-
ducing acicular ferromagnetic iron oxide parti-
cles. (Divided out of No. 707/Cal/91 & dated
to 18-9-91).
- 189/Cal/96. Deere & Company, Narrow row cotton picker
and a row unit therefor; (Convention No. 08/
389,522 on 16-2-95 in U.S.A.).
- 190/Cal/96. Hollandse Signaalapparaten B. V., Fire control
system; (Convention No. 9500285 on 16-2-1995
in Netherlands).

191/Cal/96. Krup Fordertechnik GMBH. Process for the
automatic setting of the crushing gap of a cru-
sher and crusher;

192/Cal/96. Tai-Her Yang. The common magnetic circuit
type multiple rotor electrical machine.

193/Cal/96. (1) David J. Marshall (2) Stanley F. Gouldson
(3) Roland Hermer (4) William W. Bush. Indi-
cator attachment mechanism and method and
apparatus for removing indicators from hangers.
(Convention No. PN 0888 on 2-2-95 in Australia
& 08/384,115 on 6-2-95 in U.S.A.).

05-02-1996

194/Cal/96. Corporated Ceramists Private Ltd. Recovery of
aluminium compounds from industrial waste pro-
ducts and valuable materials made there from.

195/Cal/96. Daewoo Electronics Co. Ltd. Washing machine
with a variable pulsator. (Convention No. 95-
21599; on 21-7-95; in Korea).

196/Cal/96. Daewoo Electronics Co. Ltd. Pulsator for a
washer. (Convention No. 95-9894; on 11-05-95;
in Korea).

197/Cal/96. Consolidated Engineering Company. Method of
manufacturing castings and processing casting by-
products.

198/Cal/96. Universite De Sherbrooke. Codebook with signal
selected pulse amplitudes for fast coding of
speech. (Convention Nos. 08/383,968; 08/
508,801; on 6-2-95; 28-7-95 & 28-02-95; in
U.S.A.).

- 199/Cal/96. Tomy Co. Ltd. Coin Sorting device in automatic vending machine. (Convention No. 7-41235; on 06/02/95; in Japan).
- 200/Cal/96. Wago Verwaltungsgesellschaft Mbh. Mechanism for unlocking supporting device of electrical clamps, Modules installation units or similar elements from bearing nails. (Convention No. 19504762.1; on 04/02/95; in Germany).
- 201/Cal/96. Tomy Co. Ltd. Commodity discharging device in automatic vending machine. (Convention No. 7-41236; on 06-02-95; in Japan).
- 202/Cal/96. Takeda Chemical Industries, Ltd. Thienopyrimidine derivatives, their production and use. (Convention Nos. 07-020717; 07-040151; 07-27163; 07-091068; P-950631 8-2-95; 28-2-95; 19-10-95; 17-04-95 on 17-04-95; on 17-04-95 in Japan; Indonesia).
- 203/Cal/96. Memminger-Iro GmbH. Thread feeding device for elastic yarns. (Convention No. 19537215.8; on 06-10-95; in Germany).
- 204/Cal/96. Memminger-iro GmbH. Yarn feeder with electronic control. (Convention No. 19537325.1; on 06/10/95; in Germany).
- 205/Cal/96. Engelhard Corporation. Pigment Compositions. (Convention No. 08/387.994; on 13-02-95; in U.S.A.).
- 206/Cal/96. E.I.DU Pont De Nemours and Company. Process for hydrocyanation. (Convention No. 08/408,250; 22-3-95 in U.S.A.).

06-02-1996

- 207/Cal/96. Tonello snc di tonello. & Co.; "An improved working method to give a worn out aspect to articles of clothing and improved machine suited to carry out such a method"; (Convention No. V195A000020; on 0-6-02-1995; in Italy).
- 208/Cal/96. Macrovision Corporation. "Method and apparatus for copy protection for various recording media".
- 209/Cal/96. Macrovision Corporation. "A video finger print method and apparatus".
- 210/Cal/96. Macrovision Corporation; "Method and apparatus for scrambling a video signal with full network transmission and recording capability".
- 211/Cal/96. General electric Company. "Removable inner turbine shell with bucket tip clearance control" (Convention No. 08/414,698; on 31-03-95; in U.S.A.).
- 212/Cal/96. Engelhard Corporation. "Modified microsphere fcc catalysts and manufacture thereof". (Convention No. 08/414,071; on 31-03-95; in U.S.A.).
- 213/Cal/96. Ormet Corporation. "Treatment and Disposal of Red Mud Generated in the Bayer process".
- 214/Cal/96. Emitec Gesellschaft fur emissionstechnologie Mbh. "Honeycomb body bonded only partially to a jacket tube". (Convention No. 19507299.5; on 2-3-95; in Germany).
- 215/Cal/96. Viero S.R.L. "Improved plant for printing fabrics and the like". (Convention No. MI 95 A 000260; on 14-2-95; in Italy).
- 216/Cal/96. Anuranjan Prasad. "Clamp Lock on track structure".
- 217/Cal/96. A Prasad. "Swinging intersection Point".
- 218/Cal/96. Anuranjan Prasad. "Method of making wear-resistant long life rails".

07-02-1996

- 219/Cal/96. Daewoo electronic Co., Ltd. "Video cassette recorder having an idle gear disengaging means". (Convention No. 95-6849; on 29-3-1995; in South Korea).

- 220/Cal/96. Daewoo Electronics Co., Ltd. "Multi-channel type thin film magnetic head Assembly and method for the manufacture thereof". (Convention No. 95-18641; on 30-06-96; in South Korea).
- 221/Cal/96. Daewoo electronics Co., Ltd. "Magnetic head for use in a video cassette recorder and method for the manufacture thereof". (Convention No. 95-18647; on 30-6-95; in South Korea).
- 222/Cal/96. Ona electro-erosion, S.A. "Automatic wire-threading device for electrorosion machines".
- 223/Cal/96. Ona electro-erosion, S.A. "Semi-automatic wire-threading device for electrorosion machines".
- 224/Cal/96. Ona electro-erosion, S.A. "Wire-traction mechanism for electrorosion machines".
- 225/Cal/96. Ona electro-erosion, S.A. "Device for detecting successful threading on electrical discharge machines".

08-02-1996

- 226/Cal/96. Sanjay Ghosh. "Electronic Digital Recording cum playback system in order to use with talking advertisement systems and other digital voice based applicatons".
- 227/Cal/96. Daewoo Electronics Co. Ltd. "A Bubble Generator for a washing machine". (Convention No. 95-9055; 95-9056; on 29-4-1995; 29-4-1995; in Korea).
- 228/Cal/96. Daewoo Electronics Co. Ltd. "Washing machine with a bubble generator"; (Convention Nos. 95-6448; 95-9057; on 31-03-1995; 29-04-1995; in Korea).
- 229/Cal/96. Ethicon, Inc. "In-Line Annealing of Sutures". (Convention No. 08/386,617; on 10-02-1995; in U.S.A.).
- 230/Cal/96. (i) Ishikawajima-harima heavy industries Company Limited (ii) BHP steel (JLA) Pty Ltd. "Casting steel strip". (Convention No. PN1014; on 10-02-1995; in Australia).
- 231/Cal/96. Consolidated Engineering Company, Inc.; "Heat treatment of metal castings and integrated sand reclamation".
- 232/Cal/96. Aloke Sen; "A Water Purification system".
- 233/Cal/96. Aloke Sen, "An online water Purification system".

09-02-1996

- 234/Cal/96. Yamamura Glass Co. Ltd. "Pilfer-proof cap made of synthetic resin".
- 235/Cal/96. Toyo Engineering Corporation. "Wet exhaust gas treatment apparatus". (Convention No. 266448/1995; on 19-9-95; in Japan).
- 236/Cal/96. Toyo Engineering Corporation. "Exhaust gas desulfurization process". (Convention No. 213296/1995; on 22-8-95; in Japan).
- 237/Cal/96. Toyo Engineering Corporation. "Double Decomposition apparatus". (Convention No. 211533/1995; on 21-8-95; in Japan).
- 238/Cal/96. Ethicon, Inc. "Center dispense suture package". (Convention No. 08/386619; on 10-02-1995; in U.S.A.).
- 239/Cal/96. Wagner International AG. "Cleaning device for a powder coating compartment". (Convention Nos. 195 05 101.7; 195 22 186.9; on 15-2-95; 19-6-95; in Germany).
- 240/Cal/96. Mitsuba electric mfg. Co. Ltd. "Ignition system for internal combustion engines" (Convention No. 07-94431; on 28-3-95; in Japan).

- 241/Cal/96. SKF textilmashinen-Komponenten GmbH. "Upper Roller carrying and loading arm for drafting system rolling mills of spinning machines". (Convention No. 195 04 815.6; on 14-02-1995 in Germany).
- 242/Cal/96. SKF Textilmashinen-Komponenten GmbH. "Stripping roller holder for drafting-system rolling mill of spinning machines". (Convention No. 195 04 812.1; on 14-2-1995; in Germany).
- 243/Cal/96. Dr. Ashok Kumar Anem. "Mycobacterium Tuberculosis New approach for T.B. Treatment".
- 244/Cal/96. Dr. Ashok Kumar Anem. "CANCER (New approach for cancer Therapy)."

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification:-

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अगुम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एक्स्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चन करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl : 56 (G)

176481

Int. Cl. : B01D 3/40

PROCESS FOR SEPARATION OF TETRAFLUOROETHYLENE AND HYDROGEN CHLORIDE.

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventors : (1) GLENN FRED LEVERETT (2) JAN WIT.

Application No. 237/Cal/1991 filed on 22nd March 1991.

Appropriate office opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

12 Claims

Process of separating hydrogen chloride and tetrafluoroethylene by extractively distilling through an extractive distillation column a mixture thereof in the presence of an extractant such as herein described that substantially alters the relative volatilities of the hydrogen chloride and the tetrafluoroethylene.

Compl. Specn 11 pages

Drgs. Nil

Cl : 60 D

176482

Int. Cl. : A47 G 25/14

FASTENING DEVICE FOR SECURING GARMENT HANGER.

Applicant : DAO-PIN-CHANG, OF 55 HOU HU HU PEI TSUN, LIN KOW, HSIANG, TAIPEI HSIEN, TAIWAN.

Inventors : DAO-PIN CHANG.

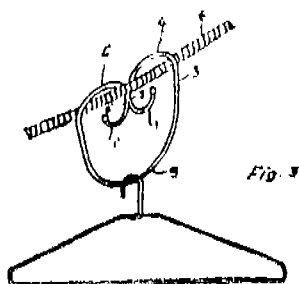
Application No. 306/Cal/1991 filed on 23rd April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

3 Claims

A fastening device made of a metal rod or a rod of other resilient material and bent inward to substantially form a circle with its both ends turned downward to attach to each other in parallel and further oppositely turned outward upward to form two opposite hooked portions so as to define therewith a lower supporting portion at the bottom, two upper supporting portions bilaterally at the top, and two adjacent portions in the middle between said two hooked portions and said two upper bearing portions, wherein a rope can be transversely inserted through said two adjacent portions to secure the device so that said hooked portions can protect

the device from separating from said rope, and said lower bearing portion can be used for the hanging thereon of a garment hanger.



Compl. Specn. 10 pages

Drgns. 4 sheets

Cl.: 64 B 1

176483

Int. Cl.: H 01 R 4/24

A CUTTING/CLAMPING CONTACT ELEMENT FOR CONTACTING AN INSULATED CABLE CORE.

Applicant: KRONE AKTIENGESELLSCHAFT, OF BEESKOWDAMM 3-11, D-1000, BERLIN 37, WEST GERMANY.

Inventors: (1) DIETER GERKE (2) ANDRZEJ JANCZAK.

Application No. 326/Cal/1991 filed on 29-4 1991.

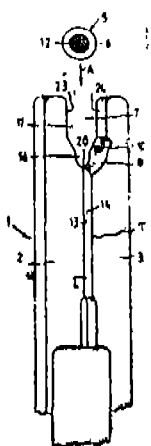
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

4 Claims

A cutting/clamping contact element for contacting an insulated cable core, comprising:

two contact legs made of a blade-type resilient metal material, said contact legs being disposed at an angle relative to a longitudinal axis of the insulated cable core, said two contact legs defining inner sides providing an upwardly open contact slot and an enlarged wire introduction section, terminating in said upwardly open contact slot, said upwardly open contact slot having a substantially V-shaped centering opening, said inner side of at least one of said contact legs including in an area of said substantially V-shaped centering opening, an inclined surface extending between a front side and a rear side of said contact leg to form a wedge-shaped cutting edge directed into an area of said V-shaped centering opening on one of said front or rear side of one of said contact legs and a cutting tip in an upper area of said contact slot.

Fig. 1



Compl. Specn. 12 pages

Drgns. 3 sheets

Cl.: 194 C 7

176484

Int. Cl.: H 01 J 29/51

AN ADJUSTABLE CONVERGENCE CORRECTING MAGNET ASSEMBLY FOR COLOUR CATHODE RAY TUBE.

Applicant: SAMSUNG ELECTRON DEVICES CO. LTD., OF 575, SIN-RI TAEAN-EUB, Hwasung-Kun, Kyung-Gi-Do, Republic of Korea.

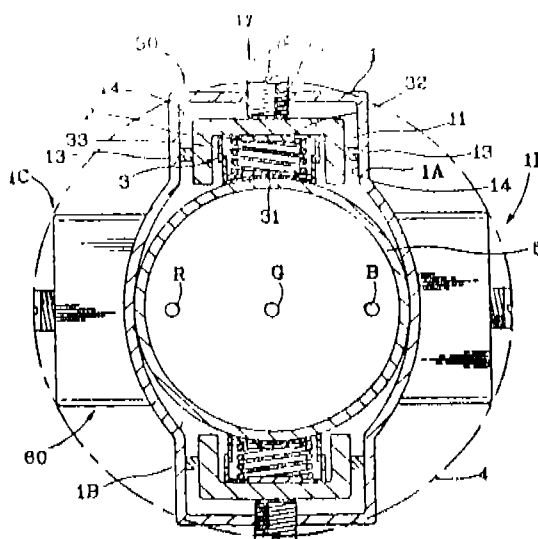
Inventor: SUNHAENG LEE.

Application No. 335/Cal/1991 filed on 29th April, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

7 Claims

An adjustable convergence correcting magnet assembly for an in line type colour cathode ray tube, said tube including a generally cylindrical neck portion having an outer circumferential surface and a central axis, said assembly comprising: four bipolar-magnets mounted proximate said neck portion, said magnets being arranged in a front pair and a rear pair, each magnet of the front pair being mounted circumferentially opposite each other in a clearance spacing in a first housing and each magnet of the rear pair being mounted circumferentially opposite to each other in a clearance spacing in a second housing, said front pair of magnets being generally horizontally aligned and said rear pair of magnets being generally vertically aligned, each said housing having adjustment means for axially adjusting the magnets housed therein so that each magnet is movable toward or away from the neck portion.



Compl. Specn. 15 pages

Drgns. 4 sheets

Cl.: 129 A

176485

Int. Cl.: B 21 D 1/05

SHEET STRAIGHTENING MACHINE.

Applicant: M. & S. BRUGG AG, OF WILDISCHACHENSTRASSE 1639, CH-5200 BRUGG, SWITZERLAND.

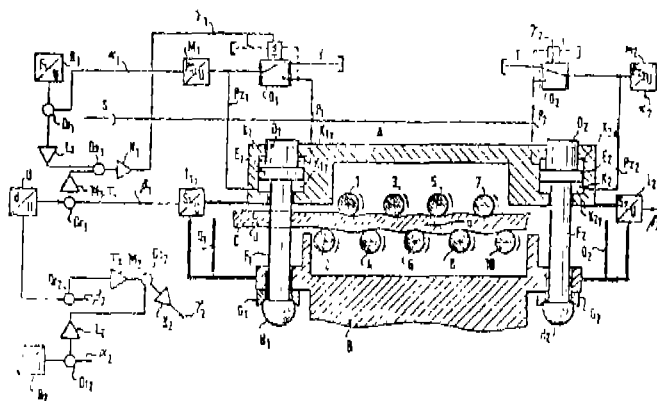
Inventor: RUDOLF RYMANN.

Application No. 431/Cal/1991 filed on 7th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

11 Claims

A machine for straightening sheet metal or other flat material comprising a material inlet and a material outlet defining a path of material flow; an upper roller frame disposed between said inlet and outlet along said path, said upper roller frame housing first plurality of forcibly driven parallel straightening rollers disposed along said path and transverse with respect thereto; a lower roller frame disposed between said inlet and outlet along said path, said lower roller frame housing a second plurality of forcibly driven parallel straightening rollers disposed along said path and transverse with respect thereto, the axes of said second plurality of straightening rollers being arranged in vertical planes which are parallel with and between vertical planes in which the axes of the first plurality of straightening rollers lie; characterised by at least one pair of pressure medium operated piston assemblies for causing relative movement between said first and second frames and for locking said frames at predetermined relative positions, a first assembly of said pair interconnecting said upper and lower frames in the vicinity of said inlet, and a second assembly of said pair interconnecting said upper and lower frames in the vicinity of said outlet, each of said piston assemblies comprising a cylinder chamber contained in one of the said upper and lower frames, a piston reciprocating in said chamber and dividing said chamber into an upper and a lower annular chambers, said upper annular chamber of each piston assembly having a smaller effective cross-sectional area than a respective said lower annular chamber, a guide bore provided in said cylinder chamber, a piston rod having one end coupled to said piston and another end projecting through said guide bore and coupled to the other of said upper and lower frames, and means for directly connecting each of the upper annular chambers of said piston assemblies with an adjustable pressure medium source and each of said lower annular chambers of said piston assemblies to the output of a servo-controlled pressure reducing valve supplying a pressure medium from a source.



Compl. Specn. 20 pages

Drgns. 1 sheet

Cl. : 32 F 30

176486

Int. Cl.4 : C 07 C 63/26

PROCESS FOR PRODUCING PURIFIED TEREPHTHALIC ACID.

Applicant : MITSUI PETROCHEMICAL INDUSTRIES LTD., OF 2-5 KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) NORIO TANIGUCHI (2) HIROSHI YAMANE.

Application No. 512/Cal/1991 filed on 4th July, 1991

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

4 Claims

An improved process for producing purified terephthalic acid which comprises catalytically oxidizing p-xylene in liquid phase to produce crude terephthalic acid containing 4-carboxy-benzaldehyde as a main impurity therein, the said crude terephthalic acid is subjected to the step of purification by treating the same with hydrogen in the presence of a hydrogenation catalyst in a reaction vessel, thereby to produce purified terephthalic acid containing 4-carboxybenzaldehyde in a reduced amount in a stationary manner at a temperature of 255-300°C and under a pressure of 10-110 kg/cm² with a partial pressure of hydrogen being 0.5-20 kg/cm² the improvement comprising replacing the catalyst in the reaction vessel in part by a fresh catalyst when the activity of the catalyst has decreased, and thereafter feeding into the reactor crude terephthalic acid which contains 4-carboxybenzaldehyde in an amount larger than that in the stationary state of the treatment for restarting the treatment of the crude terephthalic acid, and treating the terephthalic acid until the treatment reaches the stationary state.

Compl. Specn 13 pages

Drgns. Nil

Cl. : 127 E

176487

Int. Cl.4 : F 16 H 03/66

PLANETARY GEAR UNITS.

Applicant : MASSEY-FERGUSON S.A., OF AVENUE BLAISE PASCAL, B.P., 307, 60026 BEAUVAIS, CEDEX, FRANCE.

Inventor : RAYMOND JOHN HICKS.

Application No. 576/Cal/1991 filed on 01-8-1991.

(Convention No. 9017921.9 on 15th August, 1990 in U.K.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

12 Claims

A planetary gear unit constituted by :

(a) an input member (10) ;

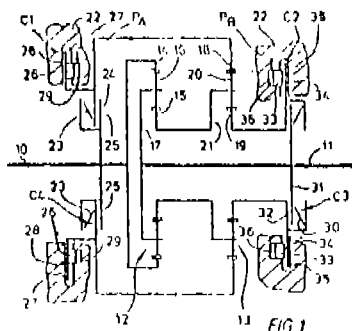
(b) an output member (11) ;

(c) a plurality of inter-connected coaxial three element planetary gear trains (12, 13) each comprising a sun (15, 19) a planet carrier (17, 21) and an annulus (14, 18), and

(d) clutches (C1, C2, C3, C4) acting between elements of the planetary gear trains and the input member, the output member or ground,

and in which one (12) of said planetary gear trains has a first element (14) permanently connected for rotation with the input member (10) and a second element (17) permanently connected for rotation with the output member (11), the gear unit being characterised in that : (i) the one (12) of said planetary gear trains is a dominant train and the remaining train or trains (13) of said planetary gear trains are connected with the third element (15) of the dominant train to vary, by the use of the clutches (C1, C2, C3, C4), the direction and speed of rotation of the third element (15), thus providing a number of overall ratios from the unit ; (ii) no further elements of said planetary gear trains (12, 13) are permanently connected for rotation with the input member (10) or the output member (11), and

(iii) none of said elements of said planetary gear trains is connected to any mechanical means not belonging to said gear Units.



Compl. Specn. 18 pages

Drgns. 4 sheets

Cl.: 32 (C)

176488

Int. Cl.: C 08 F 297/00, 8/08

A PROCESS FOR PREPARING A VINYLAROMATIC-DIENE BLOCK COPOLYMERS.

Applicant: ENICHEM ELASTOMERI s.r.l. OF 16, PIAZZA DELLA REPUBBLICA 20124 MILAN, ITALY.

Inventors: (1) SERGIO CUSTRO (2) GIAN TOMMASO VIOLA.

Application No. 84/Cal/1992 filed on 5th February, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

10 Claims

A process for preparing a vinylaromatic-diene block copolymer wherein said diene blocks have been partially hydrogenated and subsequently epoxidized, using reactants and reaction condition such as herein described, according to formula (I):



wherein A is a polyvinylaromatic block,

(E-B-EPOX) is an ethylene-butene copolymeric block containing 1, 4 cis and 1, 4 trans epoxy units distributed along the polymeric chain. n is an integer between 1 and 20 and X is coupling radical having functionality n, said copolymer having a weight average molecular weight ranging from 30,000 to 400,000 content of polyvinylaromatic blocks of between 10 and 50% by weight, a content of EPOX units of between 1% and 20% of the initial unsaturations present in the polymer before its partial hydrogenation, comprising the steps of: (a) partially hydrogenating diene blocks of a vinylaromatic-diene block copolymer; and

(b) epoxidizing the partially hydrogenated vinylaromatic-diene block copolymer of step (a) to obtain a block copolymer according to formula (I).

Compl. Specn. 29 pages

Drgns. Nil

Cl.: 32 (C)

176489

Int. Cl.: C 08 L 23/04

PROCESS FOR THE PREPARATION OF ELASTOMERIC COPOLYMERS OF ETHYLENE

Applicant: ENICHEM ELASTOMERI s.r.l. OF PIAZZA DELLA REPUBBLICA, 16, MILAN, ITALY.

Inventors: TIZIANO TANAGLIA; SERGIO FOSCHI.

Application No. 477/Cal/1992 filed on 7th July, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

23 Claims

Process for the preparation of elastomeric copolymers of ethylene, generally containing from 35 to 85% by weight, preferably from 45 to 75% by weight, of ethylene, wherein ethylene is copolymerised with an α -olefin, such as propylene under reaction conditions, such as herein described, in the presence of a Ziegler-Natta catalyst including an aluminium trialkyl and a solid component of catalyst containing titanium, magnesium, aluminium, chlorine and alkoxy groups, said polymerisation being carried out in suspension in the presence of hydrogen as a molecular weight moderator and regulator, said solid component of catalyst being prepared according to the following procedure:

(i) a solid, granular support of $MgCl_2$, obtained by spray drying an alcohol solution of $MgCl_2$ and having a content of alcohol hydroxyls of 18 to 25% by weight, expressed as a weight of ethanol, is suspended in a liquid hydrocarbon solvent and an aliphatic alcohol $R'-OH$, wherein R' is a linear or branched alkyl radical, containing from 1 to 5 carbon atoms, is added to the suspension thus obtained, together with a titanium tetra-alkoxide $Ti(OR)_4$, wherein R is a linear or branched alkyl radical, containing from 1 to 8 carbon atoms, with a molar ratio $R'-OH/MgCl_2$ of 0.5 : 1 to 1.5 : 1 and a molar ratio $MgCl_2/Ti(OR)_4$ of 0.3 : 1 to 3 : 1;

(ii) the suspension of step (i) is heated until a homogenous solution is obtained and the solution is cooled to precipitate a granular solid;

(iii) the granular solid obtained in step (ii), in the relative suspension, is put in contact and interacted with an alkyl aluminium chloride having the formula $AlR'_3-Cl(3-n)'$ wherein R' is a linear or branched alkyl radical, containing from 1 to 20 carbon atoms, with a ratio between the chlorine atoms, in said aluminium chloride, and the total alkoxy groups of 0.4 : 1 to 1.2 : 1;

(iv) the solid component of catalyst is recovered from the reaction products of step (iii).

Compl. Specn. 25 pages

Drgns Nil

Cl.: 187 E2

176490

Int. Cl.: H 04 R 01/20

A MULTIPLE-ACOUSTIC MASSLOADED LOUDSPEAKER SYSTEM OF IMPROVED LOW FREQUENCY RESPONSE.

Applicant: SURJIT PAUL OF 13, JATIN DAS ROAD, CALCUTTA 700 029, WEST BENGAL, INDIA

Inventor: SURJIT PAUL.

Application No. 713/Cal/1992 filed 1st October, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office, Calcutta.

8 Claims

A multiple-acoustic mass-loaded loudspeaker system of improved low frequency response comprising a baffle having at least one hole around the periphery of which the rim of the at least one loudspeaker is mounted, characterised in that each of the front and back sides of the said at least one loudspeaker mounted on the baffle is enclosed in at least

one chamber, each said chamber having at least one port of dimensions, such as herein described, on one of the lateral sides thereof, lying on both the front side and back of the said baffle and that the ratio of the internal volume of the chamber enclosing the back side of the loudspeaker to the internal volume of the chamber enclosing the front side of the loudspeaker is from 1 : 2.5 to 1 : 4.5 or vice versa.

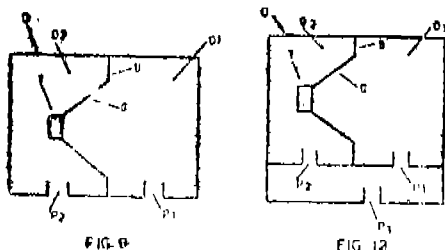


FIG. 11

FIG. 12

Compl. Specn. 23 pages

Drgns. 4 sheets

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Himont Incorporated, a corporation duly organised under the laws of the state of Delaware, U.S.A., of 2801 Centerville Road, New Castle County Delaware, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 176227 for "A Process for producing a Nonextruding concentrate in the form of particles, of at least one additive or pigment or filler or combination thereof."

Amendments are by way of change of name from Himont Incorporated to Montell North America Inc.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that Himont Incorporated, a corporation duly organised under the laws of the State of Delaware, U.S.A. of 2801 Centerville Road, New Castle County, Delaware, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 176297 for "A process for the preparations of a composition of crystalline propylene polymers having a low seal temperature."

Amendments are by way of change of name from Himont Incorporated to Montell North America Inc.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

156677	156770	158247	158249	158435	158458	158477	158524
158530	158979	159862	159876	160090	160091	160093	160570
160666	160968	161381	161456	161458	161482	161721	161746
161829	162154	162252	162260	162294	162321	162325	162619
162861	163080	163194	163353	163614	164033	164277	164331
164369	164524	164736	164757	165190	165321	165507	165691
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171196	171197	171200	171287	171357	171360	171367	171396
171406	171652	171791	171823	171973	*171975	172612	
172856	172974	173090	173198	173261	173427	173712	173758
173759	173791	173792	173793	173797	173799	173898	174098
174324	174469	174832	175218				

CESSATION OF PATENTS

149193	153798	154601	154709	154753	154853	154903	154960
154961	154964	154993	155181	155182	155249	155250	155320
155367	155453	155496	155631	155642	155704	155887	156015
156083							

PATENT SEALED ON 17-5-96

175941 175942 175945 175949

Cal—04, Del—Nil, Bom—Nil, Mas—Nil

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents, F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 170476 to 170489, 170491 to 170495 & 170497 to 170508, Ajanta Watch Ltd., a limited company incorporated under the Indian Companies Act, Orpat Industrial Estate, Rajkot Highway, Post Box No. 115, Morbi-363 641, Gujarat, India, above address, "WRIST WATCH", 27th December, 1995.

Class 1. No. 169843, Airtech Private Limited, an Indian Company of 20/7, Site 4, Sahibabad Industrial Area, Ghaziabad-201 010, U.P., India, "SPRING BASE FOR A BED", 13th September, 1995.

Class 1. No. 169844, Airtech Private Limited, an Indian Company of 20/7, Site 4, Sahibabad Industrial Area, Ghaziabad-201 010, U.P., India, "SPRING BASE FOR A DOUBLE BED", 13th September, 1995.

Class 1. No. 169873, Airtech Private Limited, an Indian Company of 20/7, Site 4, Sahibabad Industrial Area, Ghaziabad-201 010, U.P., India, "BOARDS FOR BEDS", 20th September, 1995.

Class 1. No. 169874, Airtech Private Limited, an Indian Company of 20/7, Site 4, Salubabad Industrial Area, Ghaziabad-201 010, U.P., India, "FOOT BOARD FOR BFD", 20th September, 1995.

Class 3. No. 169841, Airtech Private Limited, an Indian Company of 20/7, Site 4, Salubabad Industrial Area, Ghaziabad-201 010, U.P., India, "WOODEN BASE FOR A BFD", 13th September, 1995.

Class 3. No. 169741 & 169742, Joan Brady, a U.S. citizen of 1085, Warburton Avenue, Yonkers, New York, U.S.A., Hilde Benedict, a U.K. citizen of 4 North View, Wimbledon Common, London SW 19, U.K., Geir Oxseth, a Norwegian citizen of Roykenveien 142, 1370 Asker, Norway, Nils Terje Vestheim, a Norwegian citizen of Bergensveien 38, 0953 Oslo, Norway, Helge Sleibak, a Norwegian citizen of Kvernballen 38, 1410 Loftholm, Norway and Hilde Angelfoss, a Norwegian citizen of Royken-

veien 142, 1370, Asker, Norway, "TOOTH-BRUSH", 24th August, 1995.

Class 3. No. 169753 & 169754, Joan Brady, a U.S. citizen of 1085, Warburton Avenue, Yonkers, New York, U.S.A., Hilde Benedict, a U.K. citizen of 4 North View, Wimbledon Common, London SW 19, U.K., Geir Oxseth, a Norwegian citizen of Roykenveien 142, 1370 Asker, Norway, Nils Terje Vestheim, a Norwegian citizen of Bergensveien 38, 0953 Oslo, Norway, Helge Sleibak, a Norwegian citizen of Kvernballen 38, 1410 Loftholm, Norway and Hilde Angelfoss, a Norwegian citizen of Roykenveien 142, 1370, Asker, Norway, "TOOTH-BRUSH", 28th August, 1995.

T. R. SUBRAMANIAN
Controller General of Patent,
Design & Trade Marks

प्रकाशक, भारत सरकार प्रकाशक, प्रकाशक, प्रकाशक

एन. कल्याण प्रकाशक, दिल्ली प्रकाशक, 1996

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